

Claims

- [c1] A computer, comprising:
a main body provided with at least one key operated by a user;
a display unit that displays an image in accordance with an operation executed by said main body,
wherein said at least one key comprises:
a top surface having a light accumulator recess formed therein, the shape of said recess being indicative of an operation type of said at least one key; and
a light accumulator embedded in said light accumulator recess.
- [c2] The computer according to Claim 1;
wherein a depth of said light accumulator recess is selected to provide a predetermined residual emission brightness of said light accumulator.
- [c3] The computer according to Claim 1;
wherein said light accumulator recess is at least 150 μ m in depth.
- [c4] The computer according to Claim 1;
wherein said light accumulator recess is at least 200 μ m in depth.
- [c5] The computer according to Claim 1;
wherein said operation type of said at least one key is identified by a predetermined character or symbol; and
said light accumulator recess is formed in the shape of said predetermined character or symbol.
- [c6] The computer according to Claim 1;
wherein said operation type of said at least one key is identified by a predetermined
character or symbol; and
said light accumulator recess is formed to surround the shape of said predetermined character or symbol.
- [c7] The computer according to Claim 1;
wherein said operation type of said at least one key is identified by a predetermined

character or symbol; and

said light accumulator recess is formed to cover said top surface of said at least one key except for an area in the shape of said predetermined character or symbol.

[c8] The computer according to Claim 1;
wherein said computer further comprises a residual emission level meter having a
light accumulator as an element and enabled to display a residual emission level of
said light accumulator embedded in said light accumulator recess.

[c9] A computer, comprising:
a main body provided with a keyboard on which a plurality of input keys are disposed;
a display unit that displays an image in accordance with an operation executed for said main body and enabled to be opened from/closed to said main body;
and
a display meter provided at said main body or said display unit and composed of a plurality of light accumulator films that are different from each other in residual light brightness in a predetermined way.

[c10] The computer according to Claim 9;
wherein said plurality of said light accumulator films are composed of light accumulators with the same emission performance but with differing film thicknesses, thereby providing differing residual light brightnesses in a predetermined way.

[c11] The computer according to Claim 9;
wherein each of said plurality of said input keys has a character or symbol displayed by a light accumulator embedded in its key top; and
said display meter is composed so as to display a residual emission level of said light accumulator that displays said character or symbol.

[c12] The computer according to Claim 9;

wherein at least one of said plurality of said light accumulator films has the same emission performance as that of said light accumulator that displays said character or symbol.

[c13] A keyboard on which a plurality of operation keys are disposed;
 wherein each of said plurality of operation keys comprising:
 a key body having a key top surface; and
 a display member of a character or symbol on said key top surface;
 wherein said display member is comprised of a light accumulator that has a residual emission brightness of at least 50 mcd/m^2 30 minutes after said light accumulator is exposed to a 400light from a D₆₅ standard light source for 20 minutes.

[c14] The keyboard according to Claim 13;
 wherein said display member is not protruded from said key top surface.

[c15] A display meter, comprising:
 a first display member comprised of a first light accumulator; and
 a second display member comprised of a second light accumulator that differs from said first light accumulator in emission performance a predetermined time after said second display member is charged under the same condition as that of said first light accumulator.

[c16] The display meter according to Claim 15;
 wherein said first and second light accumulators are composed so that said second display member maintains the emission of light while the light emission of said first display member stops at a predetermined time after they are each charged under the same conditions.

[c17] The display meter according to Claim 15;
 wherein said first and second light accumulators are composed of the same light accumulating material deposited at different thicknesses.

[c18] In a computer having (i) a main body provided with a keyboard on which a plurality of input keys are disposed and (ii) a display unit for displaying an image in accordance with an operation executed for said main body and

enabled to be opened from/closed to said main body, a method for illuminating said plurality of input keys for use in a location lacking in ambient light, the method comprising:

forming a light accumulator recess in a top surface of each of said plurality of input keys, the shape of said recess being indicative of an operation type of said each of said plurality of input keys;

depositing a light accumulating material in each said light accumulator recess;

charging said light accumulating material in each said light accumulator recess by exposing each of said plurality of input keys to an external light source.

[c19] The method according to claim 18 wherein each said light accumulator recess is formed to a depth of at least 150 μ m.

[c20] The method according to claim 18 wherein each said light accumulator recess is formed to a depth of at least 200 μ m.

[c21] The method according to claim 18 wherein said display unit comprises a back-light light source and wherein the step of charging said light accumulating material comprises closing said display unit to said main body such that light from said back-light light source impacts on said plurality of input keys.